

Project ID: 15-9063-007
 Location: Capitol Blvd & Main St
 City: Wake Forest

Day: Tuesday
 Date: 3/3/2015

| Peak Start Times | | | |
|------------------|----------|--|--|
| AM | 7:00 AM | | |
| MD | 12:00 AM | | |
| PM | 4:00 PM | | |

Groups Printed - Cars, PU, Vans - Heavy Trucks

| Start Time | Capitol Blvd Northbound | | | | Capitol Blvd Southbound | | | | Capitol Blvd | | | | Main St Eastbound | | | | Main St Westbound | | | | |
|------------|-------------------------|------|-----|------|-------------------------|-------|------|------|--------------|------|------|-------|-------------------|------|-----|------|-------------------|-------|------|------|------|
| | Left | Thru | Rgt | Peds | App. | Total | Left | Thru | Rgt | Peds | App. | Total | Left | Thru | Rgt | Peds | App. | Total | Left | Thru | Rgt |
| 7:00 AM | 66 | 175 | 94 | 0 | 335 | 19 | 479 | 41 | 0 | 539 | 46 | 110 | 51 | 0 | 207 | 89 | 105 | 13 | 0 | 207 | 1288 |
| 7:15 AM | 54 | 204 | 61 | 0 | 319 | 17 | 469 | 55 | 0 | 541 | 70 | 131 | 68 | 0 | 269 | 104 | 91 | 20 | 0 | 215 | 1344 |
| 7:30 AM | 37 | 269 | 94 | 0 | 400 | 28 | 518 | 91 | 0 | 637 | 56 | 97 | 54 | 0 | 207 | 115 | 115 | 7 | 0 | 237 | 1481 |
| 7:45 AM | 39 | 284 | 84 | 0 | 407 | 36 | 371 | 111 | 0 | 518 | 83 | 105 | 43 | 0 | 231 | 73 | 97 | 16 | 0 | 186 | 1342 |
| Total | 196 | 932 | 333 | 0 | 1461 | 100 | 1837 | 298 | 0 | 2235 | 255 | 443 | 216 | 0 | 914 | 381 | 408 | 56 | 0 | 845 | 5455 |
| 8:00 AM | 43 | 213 | 81 | 0 | 337 | 23 | 342 | 117 | 0 | 482 | 47 | 65 | 47 | 0 | 159 | 89 | 135 | 19 | 0 | 243 | 1221 |
| 8:15 AM | 49 | 203 | 69 | 0 | 321 | 31 | 408 | 130 | 0 | 569 | 54 | 74 | 45 | 0 | 173 | 83 | 110 | 8 | 0 | 201 | 1264 |
| 8:30 AM | 64 | 218 | 73 | 0 | 355 | 48 | 313 | 103 | 0 | 464 | 58 | 94 | 44 | 0 | 196 | 104 | 137 | 11 | 0 | 252 | 1267 |
| 8:45 AM | 41 | 245 | 81 | 0 | 367 | 48 | 359 | 99 | 0 | 506 | 47 | 117 | 42 | 0 | 206 | 55 | 101 | 23 | 0 | 179 | 1258 |
| Total | 197 | 879 | 304 | 0 | 1380 | 150 | 1422 | 449 | 0 | 2021 | 206 | 350 | 178 | 0 | 734 | 331 | 483 | 61 | 0 | 875 | 5010 |

BREAK

| | | | | | | | | | | | | | | | | | | | | | |
|---------|-----|------|-----|---|------|-----|------|-----|---|------|-----|-----|-----|---|------|-----|-----|-----|---|-----|------|
| 4:00 PM | 37 | 290 | 114 | 0 | 441 | 42 | 218 | 71 | 0 | 331 | 101 | 174 | 32 | 0 | 307 | 89 | 94 | 31 | 0 | 214 | 1293 |
| 4:15 PM | 31 | 362 | 104 | 0 | 497 | 63 | 261 | 94 | 0 | 418 | 96 | 161 | 44 | 0 | 301 | 81 | 67 | 47 | 0 | 195 | 1411 |
| 4:30 PM | 41 | 303 | 108 | 0 | 452 | 37 | 242 | 71 | 0 | 350 | 66 | 117 | 44 | 0 | 227 | 104 | 96 | 28 | 0 | 228 | 1257 |
| 4:45 PM | 36 | 365 | 104 | 0 | 505 | 64 | 298 | 111 | 0 | 473 | 114 | 144 | 31 | 0 | 289 | 68 | 76 | 31 | 0 | 175 | 1442 |
| Total | 145 | 1320 | 430 | 0 | 1895 | 206 | 1019 | 347 | 0 | 1572 | 377 | 596 | 151 | 0 | 1124 | 342 | 333 | 137 | 0 | 812 | 5403 |

| | | | | | | | | | | | | | | | | | | | | | |
|---------|-----|------|-----|---|------|-----|------|-----|---|------|-----|-----|-----|---|------|-----|-----|-----|---|-----|------|
| 5:00 PM | 35 | 326 | 90 | 0 | 451 | 62 | 283 | 75 | 0 | 420 | 101 | 162 | 49 | 0 | 312 | 98 | 98 | 32 | 0 | 228 | 1411 |
| 5:15 PM | 42 | 344 | 127 | 0 | 513 | 47 | 311 | 102 | 0 | 460 | 90 | 144 | 24 | 0 | 258 | 118 | 81 | 38 | 0 | 237 | 1468 |
| 5:30 PM | 33 | 342 | 124 | 0 | 499 | 49 | 291 | 88 | 0 | 428 | 97 | 166 | 22 | 0 | 285 | 102 | 81 | 26 | 0 | 209 | 1421 |
| 5:45 PM | 29 | 356 | 96 | 0 | 481 | 63 | 279 | 106 | 0 | 448 | 96 | 159 | 38 | 0 | 293 | 55 | 90 | 37 | 0 | 182 | 1404 |
| Total | 139 | 1368 | 437 | 0 | 1944 | 221 | 1164 | 371 | 0 | 1756 | 384 | 631 | 133 | 0 | 1148 | 373 | 350 | 133 | 0 | 856 | 5704 |

| | | | | | | | | | | | | | | | | | | | | | |
|------------------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-----|------|-------|
| Grand Total | 677 | 4499 | 1504 | 0 | 6680 | 677 | 5442 | 1465 | 0 | 7584 | 1222 | 2020 | 678 | 0 | 3920 | 1427 | 1574 | 387 | 0 | 3388 | 21572 |
| Approch % | 10.1 | 67.4 | 22.5 | 0 | 8.9 | 71.8 | 19.3 | 0.0 | 31.2 | 51.5 | 17.3 | 0.0 | 42.1 | 46.5 | 11.4 | 0.0 | 1.8 | 0.0 | 0.0 | 15.7 | |
| Total % | 3.1 | 20.9 | 7.0 | 0 | 31.0 | 3.1 | 25.2 | 6.8 | 0.0 | 35.2 | 5.7 | 9.4 | 3.1 | 0.0 | 18.2 | 6.6 | 7.3 | 1.8 | 0.0 | 0.0 | 15.7 |
| Cars, PU, Vans | 672 | 4339 | 1496 | 0 | 6507 | 673 | 5272 | 1462 | 0 | 7407 | 1218 | 2018 | 675 | 0 | 3911 | 1420 | 1574 | 386 | 0 | 3380 | 21205 |
| % Cars, PU, Vans | 99.3 | 96.4 | 99.5 | 0.0 | 97.4 | 99.4 | 96.9 | 99.8 | 0.0 | 97.7 | 99.7 | 99.9 | 99.6 | 0.0 | 99.8 | 99.5 | 100.0 | 99.7 | 0.0 | 99.8 | 98.3 |
| Heavy Trucks | 5 | 160 | 8 | 0 | 173 | 4 | 170 | 3 | 0.0 | 177 | 4 | 2 | 3 | 0.3 | 0.1 | 0.4 | 0.0 | 0.2 | 0.5 | 0.0 | 8 |
| % Heavy Trucks | 0.7 | 3.6 | 0.5 | 0.0 | 2.6 | 0.6 | 3.1 | 0.2 | 0.0 | 2.3 | 0.3 | 0.1 | 0.4 | 0.0 | 0.2 | 0.0 | 0.3 | 0.0 | 0.2 | 1.7 | |

Project ID: 15-9063-007
 Location: Capitol Blvd & Main St
 City: Wake Forest

PEAK HOURS

Day: Tuesday
 Date: 3/3/2015

AM

| | Capitol Blvd Northbound | | | Capitol Blvd Southbound | | | Main St Eastbound | | | Main St Westbound | | | | | | | |
|--|-------------------------|-------|------|-------------------------|-------|------|-------------------|------------|-------|-------------------|------|------------|------|-------|-------|------------|------------|
| Start Time | Left | Thru | Rgt | App. Total | Left | Thru | Rgt | App. Total | Left | Thru | Rgt | App. Total | Left | Thru | Rgt | App. Total | Int. Total |
| Peak Hour Analysis from 07:00 AM to 09:00 AM | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:00 AM | | | | | | | | | | | | | | | | | |
| 7:00 AM | 66 | 175 | 94 | 335 | 19 | 479 | 41 | 539 | 46 | 110 | 51 | 207 | 89 | 105 | 13 | 207 | 1288 |
| 7:15 AM | 54 | 204 | 61 | 319 | 17 | 469 | 55 | 541 | 70 | 131 | 68 | 269 | 104 | 91 | 20 | 215 | 1344 |
| 7:30 AM | 37 | 269 | 94 | 400 | 28 | 518 | 91 | 637 | 56 | 54 | 207 | 115 | 115 | 7 | 237 | 1481 | |
| 7:45 AM | 39 | 284 | 84 | 407 | 36 | 371 | 111 | 518 | 83 | 105 | 43 | 231 | 73 | 97 | 16 | 186 | 1342 |
| Total Volume | 196 | 932 | 333 | 1461 | 100 | 1837 | 298 | 2235 | 256 | 443 | 216 | 914 | 381 | 408 | 56 | 845 | 5455 |
| % App. Total | 13.4 | 63.8 | 22.8 | 100 | 4.5 | 82.2 | 13.3 | 100 | 27.9 | 48.5 | 23.6 | 100 | 45.1 | 48.3 | 6.6 | 100 | |
| PHF | | 0.897 | | | 0.877 | | | | 0.849 | | | | | | | 0.891 | |
| Cars, PU, Vans | 194 | 891 | 332 | 1417 | 100 | 1794 | 298 | 2192 | 255 | 442 | 215 | 912 | 380 | 408 | 56 | 844 | 5365 |
| % Cars, PU, Vans | 99.0 | 95.6 | 99.7 | 97.0 | 100.0 | 97.7 | 100.0 | 98.1 | 100.0 | 99.8 | 99.5 | 99.8 | 99.7 | 100.0 | 100.0 | 99.9 | 98.4 |
| Heavy Trucks | 2 | 41 | 1 | 44 | 0 | 43 | 0 | 43 | 0 | 1 | 1 | 2 | 1 | 0 | 0 | 1 | 90 |
| % Heavy Trucks | 1.0 | 4.4 | 0.3 | 3.0 | 0.0 | 2.3 | 0.0 | 1.9 | 0.0 | 0.2 | 0.5 | 0.2 | 0.3 | 0.0 | 0.0 | 0.1 | 1.6 |

PM

| | Capitol Blvd Northbound | | | Capitol Blvd Southbound | | | Main St Eastbound | | | Main St Westbound | | | | | | | |
|--|-------------------------|-------|------|-------------------------|-------|------|-------------------|------------|------|-------------------|-------|------------|-------|-------|-------|------------|------------|
| Start Time | Left | Thru | Rgt | App. Total | Left | Thru | Rgt | App. Total | Left | Thru | Rgt | App. Total | Left | Thru | Rgt | App. Total | Int. Total |
| Peak Hour Analysis from 04:00 PM to 06:00 PM | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 04:45 PM | | | | | | | | | | | | | | | | | |
| 4:45 PM | 36 | 365 | 104 | 505 | 64 | 298 | 111 | 473 | 114 | 144 | 31 | 289 | 68 | 76 | 31 | 175 | 1442 |
| 5:00 PM | 35 | 326 | 90 | 451 | 62 | 283 | 75 | 420 | 101 | 162 | 49 | 312 | 98 | 98 | 32 | 228 | 1411 |
| 5:15 PM | 42 | 344 | 127 | 513 | 47 | 311 | 102 | 460 | 90 | 144 | 24 | 258 | 118 | 81 | 38 | 237 | 1468 |
| 5:30 PM | 33 | 342 | 124 | 499 | 49 | 291 | 88 | 428 | 97 | 166 | 22 | 285 | 102 | 81 | 26 | 209 | 1421 |
| Total Volume | 146 | 1377 | 445 | 1968 | 222 | 1183 | 376 | 1781 | 402 | 616 | 126 | 1144 | 386 | 336 | 127 | 849 | 5742 |
| % App. Total | 7.4 | 70.0 | 22.6 | 100 | 12.5 | 66.4 | 21.1 | 100 | 35.1 | 53.8 | 11.0 | 100 | 45.5 | 39.6 | 15.0 | 100 | |
| PHF | | 0.959 | | | 0.941 | | | | | | | | 0.917 | | | 0.896 | |
| Cars, PU, Vans | 146 | 1353 | 442 | 1941 | 220 | 1165 | 376 | 1761 | 399 | 616 | 126 | 1141 | 385 | 336 | 127 | 848 | 5691 |
| % Cars, PU, Vans | 100.0 | 98.3 | 99.3 | 98.6 | 99.1 | 98.5 | 100.0 | 98.9 | 99.3 | 100.0 | 100.0 | 99.7 | 99.7 | 100.0 | 100.0 | 99.9 | 99.1 |
| Heavy Trucks | 0 | 24 | 3 | 27 | 2 | 18 | 0 | 20 | 3 | 0 | 0 | 0 | 3 | 1 | 0 | 1 | 51 |
| % Heavy Trucks | 0.0 | 1.7 | 0.7 | 1.4 | 0.9 | 1.5 | 0.0 | 1.1 | 0.7 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.0 | 0.1 | 0.9 |